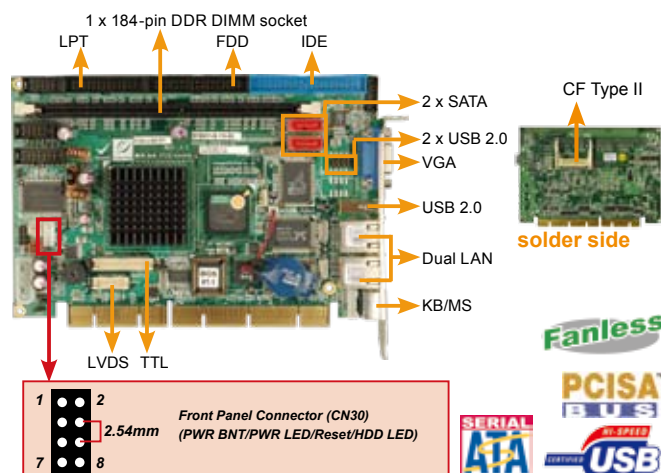


# PCISA-LX-R11

Half-size PCISA CPU card supports 500 MHz AMD® Geode™ LX800 processors and comes with VGA, TTL LCD, dual LAN and audio



## Features

1. PCISA CPU card with 500 MHz AMD® Geode™ LX 800 processor
2. Supports one 1 GB (max.) 333 MHz DDR SDRAM DIMM
3. Support VGA, 24-bit TTL, 18-bit single channel LVDS
4. Two RS-232, one RS-422/485, three USB 2.0 and two SATA

## Specifications

- ◆ CPU  
On-board 500 MHz AMD® Geode™ LX 800
- ◆ System Chipsets  
AMD® Geode™ LX 800 + CS5536
- ◆ BIOS  
Award BIOS
- ◆ System Memory  
One 184-pin 1 GB (max.) 333 MHz DDR SDRAM DIMM supported
- ◆ Ethernet  
Dual 10/100 Mbps Realtek RTL8100C Ethernet controllers
- ◆ I/O Interface  
3 x USB 2.0  
2 x SATA with ALI M5283 RAID 0,1 function support.  
1 x LPT  
1 x FDD  
1 x IDE  
2 x RS-232  
1 x RS-422/485  
1 x Keyboard and mouse (PS/2)  
1 x 5-pin header for keyboard
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Super I/O  
Winbond W83627EHG
- ◆ Audio  
Realtek ALC203 AC'97 codec
- ◆ SSD  
CF Type II
- ◆ Display interface  
VGA integrated in the AMD® Geode™ LX 800  
24-bit TTL  
18-bit single-channel LVDS
- ◆ Watchdog Timer  
Software programmable supports 1~255 sec. system reset
- ◆ Power Supply  
AT and ATX support
- ◆ Power Consumption  
5 V @ 1.094 A, 12 V @ 0.07 A running a 500 MHz AMD® Geode™ LX 800 processors with a 400 MHz 256 MB HCT11.2 DDR DIMM
- ◆ Temperature  
Operating: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity  
Operating: 5%~95% non-condensing
- ◆ Dimensions  
185 mm x 127.6 mm
- ◆ Weight  
GW: 1.0 kg

## Packing List

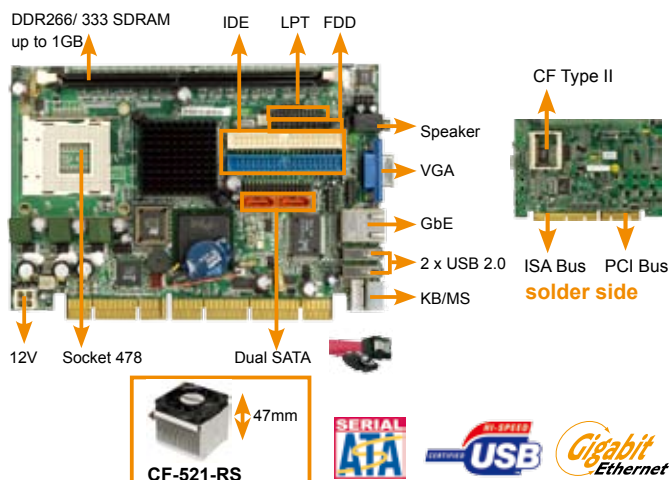
1 x PCISA-LX CPU card
1 x Mini jumper pack
1 x ATA66 flat cable (P/N: 32200-000052-RS)
1 x SATA power cable (P/N: 32100-088600-RS)
2 x SATA cable (P/N: 32000-062800-RS)
1 x Single RS-232 cable (P/N:19800-000047-RS)
1 x KB/MS Y cable (P/N:32000-133200-RS)
1 x USB cable (P/N:CB-USB02-RS)
1 x Audio cable (P/N: 19800-000111-RS)
1 x Utility CD
1 x QIG

## Ordering Information

Part No.	Description
PCISA-LX-800-R11	PCISA CPU card with 500 MHz AMD® Geode™ LX 800 CPU, VGA/LVDS/TTL, Dual LAN,USB 2.0,SATA and Audio
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable
19800-000058-RS	RS-232/422/485 cable

# PCISA-8450G

PCISA Socket 478 Pentium® 4/Celeron® D 533 MHz FSB CPU Card with SATA RAID function, VGA, GbE, USB 2.0 & Audio



## Features

1. Supports Socket 478 Intel® Pentium® 4 and Celeron® D processors with a 533 MHz FSB
2. Intel® Extreme Graphic integrated graphic engine
3. One 184-pin 1 GB (max.) 266 MHz or 333 MHz dual-channel DDR SDRAM DIMM supported
4. LAN, USB 2.0 and integrated audio
5. SATA RAID function with RAID 0,1. JBOD support

## Specifications

- ◆ CPU  
Socket 478 Intel® Pentium® 4, Celeron® D, Celeron® with a 400/533 MHz FSB
- ◆ System Chipset  
Intel® 845GV + ICH4
- ◆ BIOS  
AMI BIOS
- ◆ System Memory  
One 184-pin 1 GB (max.) 266 MHz or 333 MHz dual-channel DDR SDRAM DIMM supported
- ◆ Ethernet  
RTL8110SC GbE chipset
- ◆ I/O Interface  
4 x USB 2.0 (2 on bracket, 2 on board)  
2 x SATA with ALI M5283 RAID 0,1 function support.  
1 x LPT  
1 x FDD  
2 x IDE  
2 x RS-232  
1 x PS/2 for KB/MS  
1 x 5-pin header for KB  
1 x Infrared Interface
- ◆ SSD  
CF Type II
- ◆ Digital I/O  
8-bit digital, 4 input / 4 output
- ◆ Super I/O  
ITE IT8712F
- ◆ Audio  
Realtek ALC655 AC'97 codec
- ◆ Display Interface  
VGA integrated in the Intel® 845GV
- ◆ Watchdog Timer  
Software programmable supports 1~255 sec. System reset
- ◆ Power Supply  
4-pin 5 V or 12 V, AT and ATX support
- ◆ Power Consumption  
5 V @ 2.9 A, 12 V @ 5.4 A running a 2.53 GHz Intel® Pentium® 4 processor with a 266 MHz 256 MB DDR DIMM
- ◆ Temperature  
Operating: 0°C ~ 60°C (32° F ~ 140° F)
- ◆ Humidity  
Operating: 5% ~ 95% non-condensing
- ◆ Dimensions  
185 mm x 127.6 mm
- ◆ Weight  
GW: 1.0 kg

## Packing List

1 x PCISA-8450G single board computer
1 x Mini jumper pack
1 x IDE flat cable 40/40/40p (P/N: 32200-000052-RS)
2 x SATA cable (P/N: 32000-062800-RS)
1 x SATA power cable (P/N: 32100-088600-RS)
1 x Dual RS-232 cable (P/N: 19800-000051-RS)
1 x KB/MS Y cable (P/N: 32000-133200-RS)
1 x Power cable for P4 (P/N: 32100-087100-RS)
1 x Utility CD
1 x QIG

## Ordering Information

Part No.	Description
PCISA-8450G-R10	Half-Size SBC Intel® Pentium® 4 / Celeron® D processor FSB533 MHz, VGA, GbE, SATA and audio
CB-USB02-RS	USB cable
CF-521-RS	CPU cooler
CF-522-RS	Low Profile CPU cooler
32200-000058-RS	FDD cable
32200-015100-RS	LPT cable

1  
Industrial  
Computing  
Solutions

2  
Embedded  
Computing  
Solutions

3  
RISC-Based  
Embedded  
Solutions

4  
Industrial  
Data  
Collector/  
Server  
Solutions

5  
Video  
Capture  
Solutions

6  
I/O  
Communication  
Solutions

7  
Panel  
Solutions

8  
Power Supply/  
Network  
Communication/  
Peripherals